



**(43) International Publication Date**  
**7 April 2005 (07.04.2005)**

**PCT**

**(10) International Publication Number**  
**WO 2005/030631 A1**

**(51) International Patent Classification<sup>7</sup>: B66B 19/00**

**(21) International Application Number:**  
PCT/IB2003/004304

**(22) International Filing Date:**  
29 September 2003 (29.09.2003)

(25) Filing Language: English

(26) **Publication Language:** English

**(71) Applicant (for all designated States except US): OTIS ELEVATOR COMPANY [US/US]; 10 Farm Springs Road, Farmington, CT 06032-2568 (US).**

**(72) Inventors; and**

(75) **Inventors/Applicants (for US only): FANIELLE, Hughes [FR/FR]; 37, rue du Poirier, F-45500 Orleans (FR). POUGET, Franck [FR/FR]; 15, rue de Tournai.**

F-45500 Gien (FR). **LETELLIER, Patrice** [FR/FR]; 4, rue des Barils, F-78570 Andresy (FR). **GAUTHIER, Denis** [FR/FR]; 446, rue Haute, F-45590 Saint Cyr en Vel (FR).

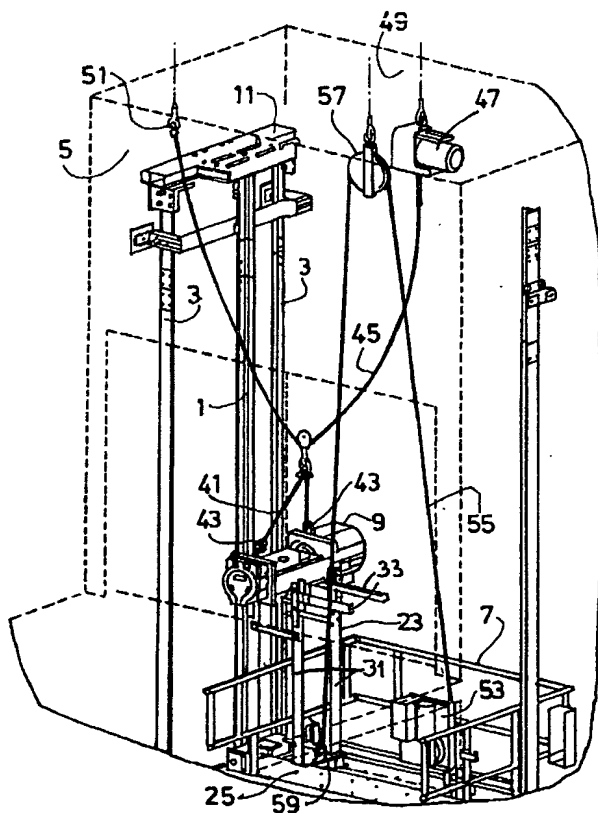
**(74) Agent: JOLLY, Jean-Pierre;** Cabinet Jolly, 54, rue de Clichy, F-75009 Paris (FR).

**(81) Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

**(84) Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

*[Continued on next page]*

**(54) Title: METHOD FOR MOUNTING A CAR DRIVE MACHINE, ESPECIALLY FOR ELEVATORS WITHOUT ANY MACHINE ROOM, AND ELEVATOR OBTAINED**



**(57) Abstract:** The invention concern a method for mounting a car drive machine (9), especially for elevators having no machine room, the drive machine (9) being to be affixed to a structure in the hoistway, characterised in that it successively consists of positioning said drive machine (9) on a support (23) positioned so as to be suitably on the top of the elevator car (7) and being able to move transversally, to lift the elevator car (7) until the machine is slightly above said structure, to move the support (23) with the machine (9) transversally and outwardly so as to position the machine (9) immediately above its fixing position, to lower the car (7) so as to place and fix the machine (9) on said structure, and to bring said support (23) back transversally so as to free it from the machine (9).



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

**Declaration under Rule 4.17:**

— of inventorship (Rule 4.17(iv)) for US only

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*